

# INTERNATIONAL SEARCH REPORT

International Application No  
PCT/EP2004/000339

A. CLASSIFICATION OF SUBJECT MATTER  
IPC 7 C12N5/06 C12N9/12

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)  
IPC 7 C12N

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, BIOSIS, EMBASE, MEDLINE, WPI Data

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	GOMEZ-LECHON M J ET AL: "Human hepatocytes as a tool for studying toxicity and drug metabolism." CURRENT DRUG METABOLISM, vol. 4, no. 4, August 2003 (2003-08), pages 292-312, XP009035192 ISSN: 1389-2002	1-8, 10-16
Y	the whole document	9
X	MCGINNITY D F ET AL: "Predicting drug pharmacokinetics in humans from in vitro metabolism studies" BIOCHEMICAL SOCIETY TRANSACTIONS, vol. 29, no. 2, May 2001 (2001-05), pages 135-139, XP002292150 ISSN: 0300-5127 the whole document	1,5-8, 13-15
-/-		

☒ Further documents are listed in the continuation of box C.

☐ Patent family members are listed in annex.

### ° Special categories of cited documents:

- "A" document defining the general state of the art which is not considered to be of particular relevance
- "E" earlier document but published on or after the international filing date
- "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- "O" document referring to an oral disclosure, use, exhibition or other means
- "P" document published prior to the international filing date but later than the priority date claimed

- "T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- "&" document member of the same patent family

Date of the actual completion of the international search

23 September 2004

Date of mailing of the international search report

08/10/2004

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2  
NL -2280 HV Rijswijk  
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,  
Fax: (+31-70) 340-3016

Authorized officer

Wimmer, G

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## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	BRIMER C ET AL: "Creation of polarized cells coexpressing CYP3A4, NADPH cytochrome P450 reductase and MDR1/P-glycoprotein" PHARMACEUTICAL RESEARCH 2000 UNITED STATES, vol. 17, no. 7, 2000, pages 803-810, XP009035283 ISSN: 0724-8741 the whole document	1-8, 10-16
X	BORT ROQUE ET AL: "Hepatic metabolism of diclofenac: Role of human CYP in the minor oxidative pathways" BIOCHEMICAL PHARMACOLOGY, vol. 58, no. 5, 1 September 1999 (1999-09-01), pages 787-796, XP002292152 ISSN: 0006-2952 the whole document	1-8,10, 13-15
Y	ARORA V ET AL: "PHOSPHODIAMIDATE MORPHOLINO ANTISENSE OLIGOMERS INHIBIT EXPRESSION OF HUMAN CYTOCHROME P450 3A4 AND ALTER SELECTED DRUG METABOLISM" DRUG METABOLISM AND DISPOSITION, WILLIAMS AND WILKINS., BALTIMORE, MD, US, vol. 30, no. 7, 1 July 2002 (2002-07-01), pages 757-762, XP008005096 ISSN: 0090-9556 the whole document	9
A	CASTELL J V ET AL: "Adenovirus-mediated gene transfer into human hepatocytes: Analysis of the biochemical functionality of transduced cells" GENE THERAPY, vol. 4, no. 5, 1997, pages 455-464, XP002292153 ISSN: 0969-7128 the whole document	11,16